

NEWTON, CITY OF, DUMP SITE

(Newton, Iowa)

GENERAL DESCRIPTION

The site is within the corporate limits of the city of Newton, Iowa. It is on land generally described as Lot A (3.09 acres) of the SW 1/4 of the SE 1/4 of Section 28, T80N, R19W and Lot C (8.12 acres) of the NW 1/4 of the SE 1/4 of Section 28, T80N, R19W, Jasper County, Iowa. The owner of record is the city of Newton. The site was entered on the Registry in 1984. The Maytag Company owned the site from 1934 until they sold the property to J.D. O'Roake in 1960. The city of Newton purchased the property from J.D. O'Roake in 1971.

SITE CLASSIFICATION

In 2001, the classification of this site was revised from "c" to "d" Site Properly Closed, Requires Continued Management in the form periodic inspection.

TYPE AND QUANTITY OF HAZARDOUS WASTE

The site was used for about 25 years as a dump for the Maytag Company and the city of Newton. The quantity and type of wastes at the site are not fully known. The Maytag Company wastes may have included halogenated solvents, quenching bath sludges, spent plating bath solutions and sludges, corrosives, ignitable wastes, and spent non-halogenated solvents. All hazardous wastes may have been placed in 55-gallon drums before disposal.

SUMMARY OF PUBLIC HEALTH AND ENVIRONMENTAL CONCERNS

Heavy metals appear to be leaching from the site. Cadmium, chromium, and lead were found above background levels in some of the samples. However, the sampling indicates the current surface water migration is contained in a localized area. The contaminated surface waters are fairly isolated and are not used for drinking water. Therefore, the threat from this contamination to the environment appears to be low. The effect of this site on groundwater has not been fully evaluated. However, the site does not appear to be affecting the city of Newton's wells located about five miles from the site.

SUMMARY OF ASSESSMENT, MONITORING OR REMEDIAL ACTIONS

The EPA was the lead agency for the 1985 investigation and evaluation of this site. The EPA has referred the site back to state authority for any further action. The IDNR will provide periodic inspection.

In December 1985 the EPA completed an evaluation of samples taken at the site. Soil samples from the landfill surface indicate the site is covered with moderate to low permeability soils. Geophysical surveys of the site show the majority of the waste may be buried on the northern edge of the landfill. Unfortunately, this portion of the landfill has an inadequate soil cover and a large slope. Therefore, landfill material from this area is subject to both leaching and erosion. Surface water and sediment samples show metal contaminants are leaching from the landfill to drainage ways near the site and to a tributary of Cherry Creek.